Color

Color Document Scanner
KV-S5055C

Panasonic
KV-S5055C

ToughFeed

Exquisite

DFS
Ready
Error
Start/Stop

ENERGY STAR

ToughFeed **Innovative Paper Feed Mechanism**

- Stapled Document Detection
- Ultrasonic Double-Feed Detection
- Superior Roller Mechanisms

· Mixed Document Feeding
· Long Paper Mode
· 90 ppm / 180 ipm*
  * Letter, Landscape, 200 dpi, Binary/Color
· High-Volume, 200-page ADF
· Self Cleaning Functions
  - Ionizer **NEW**
  - Scanning Glass Cleaning Brush **NEW**

Panasonic ideas for life

Boost Your Business Efficiency with a Ledger-Size, High-Speed Scanner

The fast 90-ppm* scan speed and 200-page Automatic Document Feeder are ideal for both large-volume scanning and dispersed input. ToughFeed, Panasonic's unique paper feed mechanism, also helps to minimizes damage to important documents and ensures more precise feeding.
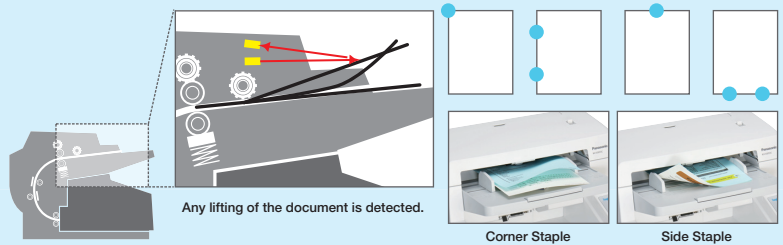
* Letter, Landscape, 200 dpi, Binary/Color.

ToughFeed — Innovative Paper Feed Mechanism

Stapled Document Detection
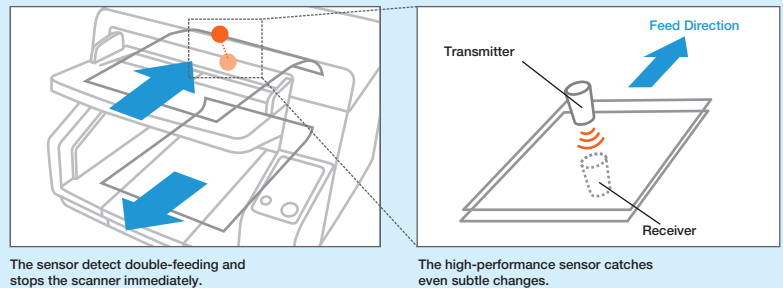**Preventing Damage to the Scanning Glass**

Multiple sensors are used to detect various types of stapled documents, and to immediately stop the scanner when stapling is detected. This minimizes damage to both the document and the optical glass.

Any lifting of the document is detected.

Corner Staple   Side Staple

Staples are quickly and accurately detected, to minimize damage to the optical glass and the document.
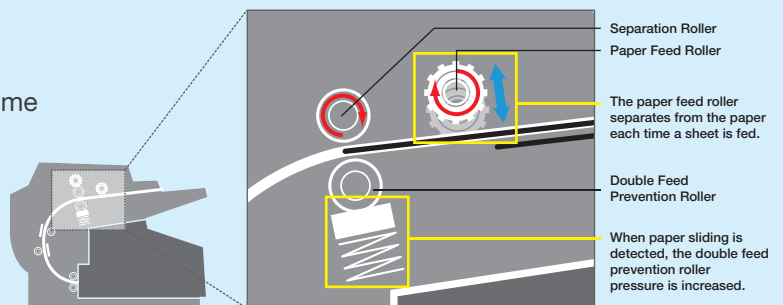
Ultrasonic Double-Feed Detection
Accurate Scanning

The KV-S5055C is equipped with an ultrasonic sensor, which accurately detects double-feeding even when scanning documents of various thicknesses. When detected, the ultrasonic sensor prevents double-feeding by immediately stopping the scanning process.

The sensor detect double-feeding and stops the scanner immediately.

Feed Direction
Transmitter
Receiver

The high-performance sensor catches even subtle changes.

Superior Roller Mechanisms
Precise Feeding

The paper feed rollers separate from the paper each time a sheet is fed, so the tendency to double-feed caused by the paper feed roller pressure is reduced, even when feeding paper of different thicknesses. Any paper sliding is also detected and the double feed prevention roller pressure is adjusted to prevent the paper from slipping and jamming.

Separation Roller
Paper Feed Roller

The paper feed roller separates from the paper each time a sheet is fed.

Double Feed Prevention Roller

When paper sliding is detected, the double feed prevention roller pressure is increased.

Double Feed Skip (DFS) Key NEW

Should a scan operation stop due to the detection of double-feeding, simply press the DFS key to resume scanning. This is convenient when you don't want scanning to stop due to documents with things like receipts or sticky notes attached, or envelopes.

Documents for Which Scanning Shouldn't Be Stopped Even When Double-Feeding Is Detected

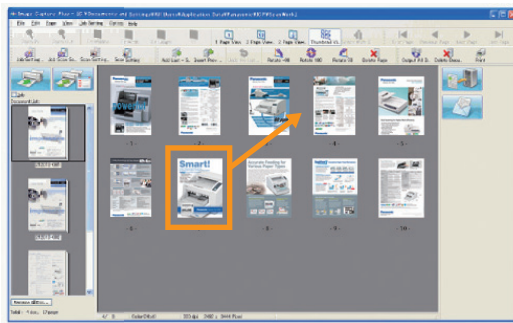Envelopes   Documents with Sticky Notes Attached

Image Capture Plus Enables Versatile Image Processing

Image Capture Plus is an application that transfers image data scanned by a Panasonic high-speed document scanner to a PC in the form of an image file. This software lets you edit scanned pages (switch pages, delete pages, etc.) intuitively using thumbnail images. It also allows you to make various settings to facilitate complex scanning processes and serves as a powerful tool for efficiently processing routine business work, such as filing.
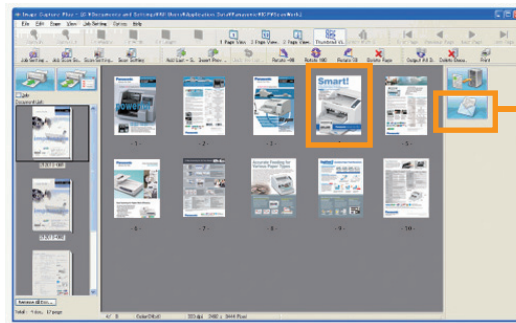
Intuitive Operation

Scanned images can be displayed page by page in a thumbnail list. Pages can be easily moved and their positions switched by dragging and dropping the thumbnails of the pages.

Moving pages within a document

Use the mouse to drag the page to the position where you want to move it.

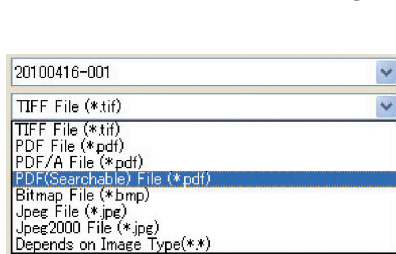The page will move to the position that you dragged it to.
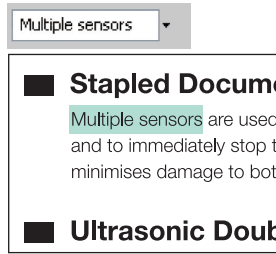
E-mail Attachment

Scanned data can be directly attached to an e-mail with a single click of a button.

Easy-to-Use Data Formats

Images can be saved in various data formats, such as PDF, JPEG, TIFF and Bitmap. Scanned data can be moved and saved in a selected folder all at once. Plus, PDF data and text-searchable data can be generated.

Select PDF (Searchable).

Text-searchable data is generated.

PreScan

In the preview window, you can confirm what the scanned image will look like under the current scan settings. You can make fine adjustments to brightness, contrast and other parameters while looking at the final result, and then save the desired scan settings. This boosts work efficiency by preventing wasted scans.
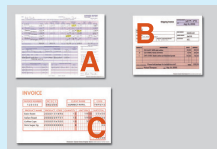

A Wealth of Image Processing Functions

Automatic Image Orientation
No more worries about the document's direction

Even when documents are set in different directions, this function detects the direction of the scanned text in documents and automatically rotates it into the correct direction.
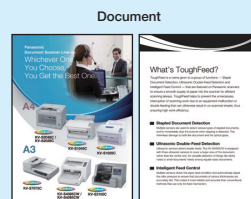

With this function

Without this function

Automatic Binary/ Color Distinction
No more need to pre-sort documents

Automatic Binary/ Color Distinction allows the scanner to recognize color and black and white pages. This feature reduces scan to file size while promoting a more efficient scanning process.
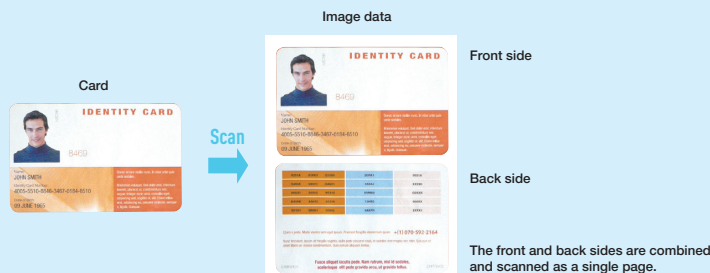
Document

Image data

Front

Back

Scan

Color data

Black and White binary data
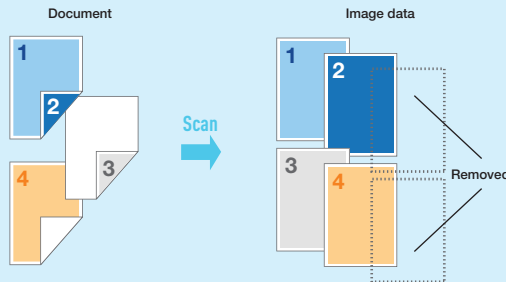
Double Exposure
Two-in-one convenience

Double Exposure automatically scans then saves two-sided documents into a single-page file. It is highly effective for documents printed on both sides, such as checks, stock certificates, post cards, and business cards.

Card

Image data

Front side

Back side

Scan

The front and back sides are combined and scanned as a single page.

Blank Page Removal
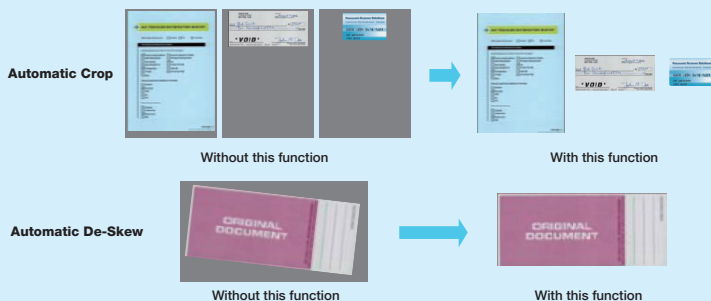### You can convert only the desired pages into electronic form

When scanning a set of documents that contains both single-sided and double-sided sheets, this function automatically skips over the blank sides.

Document

Image data

Scan

Removed

Automatic Crop and De-Skew
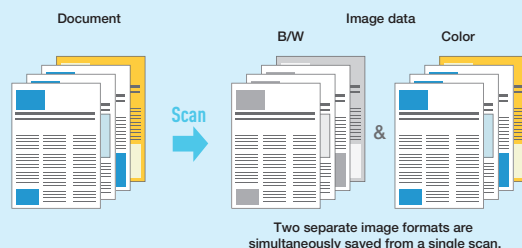### Eliminates post-processing

When you scan documents of mixed sizes, the documents are automatically cropped and stored in the appropriate size. Also, skewed documents are automatically straightened when they are scanned.

Automatic Crop

Without this function

With this function

Automatic De-Skew

Without this function

With this function

Multi Stream
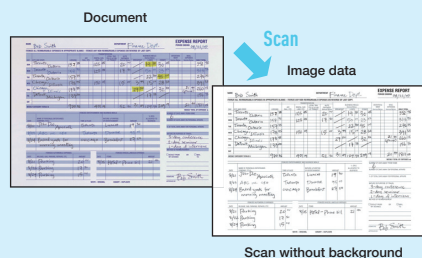### Single pass for dual output

The Multistream function enables a single scan to be saved as two separate formats simultaneously. For example the document will be saved in monochrome (B/W) for OCR and archival purposes, and saved as a full color image for short term on-screen retrieval.

Document

Image data

B/W

Color

Scan

&

Two separate image formats are simultaneously saved from a single scan.

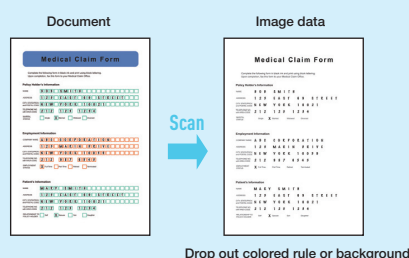## Dynamic Threshold
Excellent readability and accuracy

With the Dynamic Threshold function, the background density and color are automatically detected section by section, and the scan setting (brightness control) is automatically adjusted to ensure sharp scanning of both text and images.

Document

Scan

Image data

Scan without background

Multi Color Dropout
Convenient for OCR processing

Any of up to three specific color ranges on the document can be selected as a dropout color. This function, when used in form processing applications, can greatly improve OCR performance and accuracy, resulting in increased productivity and potential cost savings.

Document

Image data

Scan

Drop out colored rule or background

Hole Removal
Punch holes from the document are removed from the image
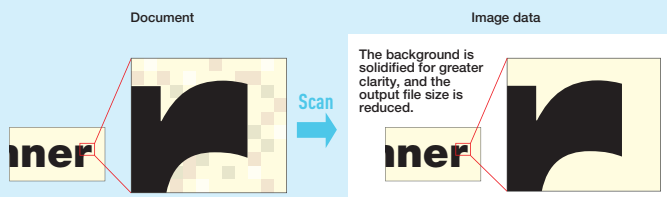
The Hole Removal function removes the punch hole marks from the scanned image. Round or square black shapes around the edges are replaced with the color closest to the document.

Scan

Hole Removed

Smooth Background
No more fuzzy backgrounds

The Smooth Background function analyses images while scanning for background color content, and outputs the images with the background color solidified. This increases viewing clarity and reduces JPEG output file size.

Document

Image data

The background is solidified for greater clarity, and the output file size is reduced.

Scan

2-Page Separation
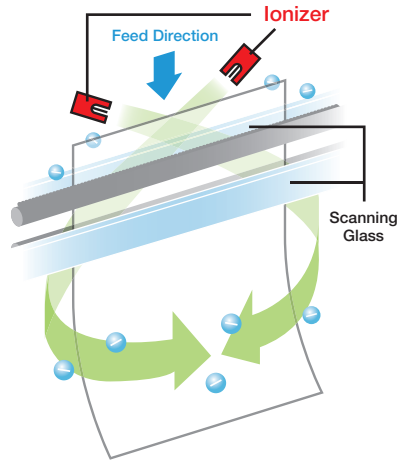### Easily get the data you need from each page

2-Page Separation automatically divides the single image into two single sheets. Dividing scanned documents saves time and trouble because it makes complex editing operations unnecessary.

Document

Image data
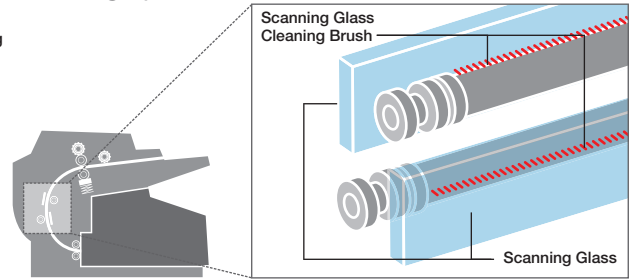
Scan

1st page

2nd page

Self Cleaning Functions

Ionizer `NEW`

The ion-filled breeze created by the ionizer neutralizes the electrical charge on the documents to be scanned, and reduces the amount of paper dust that clings to their surface. This ion-filled breeze also flows through the paper path and removes paper dust from the scanning glass to reduce the need for the user to clean the glass.

Feed Direction
Ionizer
Scanning Glass

Scanning Glass Cleaning Brush `NEW`

The brush directly cleans the scanning glass to further prevent paper dust. This eliminates the need for maintenance and ensures comfortable scanning operations.
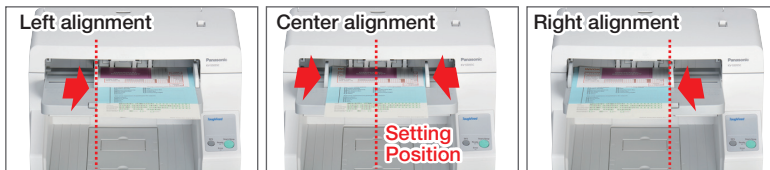
Scanning Glass Cleaning Brush
Scanning Glass

High-Reliability Scanning

Mixed Document Feeding
Accurately Feeds Various Sized Documents

Documents with different sizes and thicknesses can all be fed together. They can be set in center, left, or right alignment. By using left or right single-side alignment, there is no more need to spend time organizing documents according to their size, so scanning is fast and easy. This function greatly increases work efficiency.

Left alignment | Center alignment | Right alignment

Setting Position

The scanner feeds accurately, regardless of alignment.

Long Paper Mode
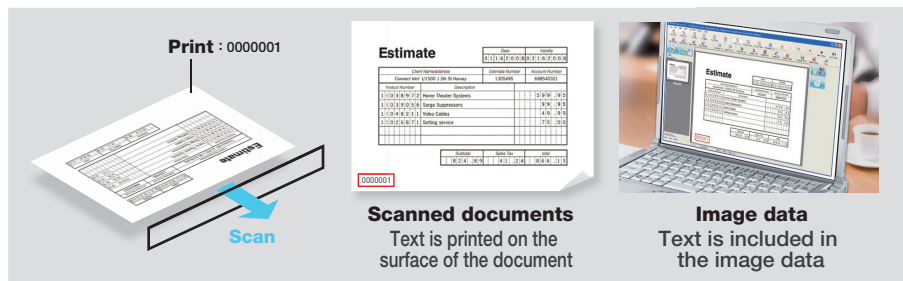#### High-Speed Scanning of Sheets up to 100 feet Long

The highly reliable paper feed mechanism quickly and stably scans long documents. This function boosts work efficiency by smoothly scanning long documents like continuous business forms or electrocardiograms.

Pre-Imprinter
Raises filing efficiency

The pre-imprinter prints text (date and/or number) onto the surface of a document before its image is scanned, so the text data is included in the scanned image data. This improves filing efficiency.

Print : 0000001

Scan

Estimate
0000001

Scanned documents
Text is printed on the surface of the document

Image data
Text is included in the image data

Optional Flatbed Scanner

Single User Interface
Easily Scan Documents and Booklets

By selectively using the KV-S5055C and the optional KV-SS080,* you can easily scan documents and booklets, and save them in the same document.

*To operate the KV-SS080, the KV-S5055C is required. The KV-SS080 does not operate as a standalone unit.
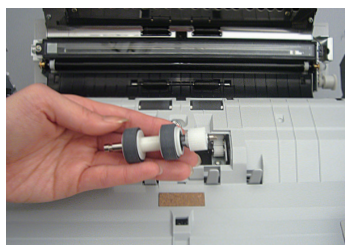
Multi-Crop
Save Time by Reducing the Number of Scans

Place various sized documents on the flatbed and scan them all at once, then crop whatever parts you need. This is convenient for scanning multiple business cards and thick documents.

ABCDEF GHIJKL
000-000-0000

Place on Flatbed

ABCDEF GHIJKL
000-000-0000

Easy Maintenance

The clamshell design allows full, easy access to the entire paper path, so you can clear paper jams, clean the unit, or replace a roller easily without having to call a service technician.

Rollers are easy to replace.

High-Volume ADF

The ADF (Automatic Document Feeder) holds up to 200 sheets of paper to allow continuous scanning of large document runs.

KV-S5055C Specifications

Scanning Face			Duplex
Scanning Method			Front side: CCD (600 dpi)
			Back side: CCD (600 dpi)
			Selectable black and white background reference
Scanning Speed *1	Binary / Color Letter size 200 dpi	Simplex	Up to 75 ppm (Portrait)
			Up to 90 ppm (Landscape)
		Duplex	Up to 150 ipm (Portrait)
			Up to 180 ipm (Landscape)
	Binary / Color Letter size 300 dpi	Simplex	Up to 50 ppm (Portrait)
			Up to 60 ppm (Landscape)
		Duplex	Up to 100 ipm (Portrait)
			Up to 120 ipm (Landscape)
Resolution			100 – 600 dpi (1 dpi step), Optical: 600 dpi (Main and Sub feeding directions)
Detection			Ultrasonic double feed detection (1 position), Stapled document detection
Compression			JPEG (color, grayscale)
Tonal Gradation			Binary, Grayscale (8 bit), Color, MultiStream : Binary & Grayscale, Binary & Color
Binary Mode Halftone			Dither, Error diffusion
Image Control			Image emphasis, Dynamic threshold, Automatic separation, Invert, White level from paper
Other Functions			Length control, Barcode detection (ISIS), Patch code detection, Automatic separation, Control sheet, Long paper mode
Maximum Image Size			12.01 x 100 in. (305 x 2,540 mm)
Documents *2	Size	Minimum	1.9 x 2.75 in. (48 x 70 mm)
		Maximum	11.7 x 17 in. (297 x 432 mm)
	Thickness		1.6 - 7.9 mils (0.04 - 0.2 mm)
			Note: 1 mil = 0.001 in.
	Weight		5 - 42 lbs. (20 - 157 g/m²)
Hopper Capacity			Up to 200 sheets (75 g/m², 20 lbs.) New paper
Image Memory	Standard		32 MB
	Maximum		Base memory plus 1 GB
Supported Operating System			Windows® XP, Windows Vista®, Windows® 7
Interface			USB 2.0
Power Requirement			AC 100 – 120 V, 50/60 Hz
			AC 220 – 240 V, 50/60 Hz
Power Consumption	Maximum (Scanning)		1.0 A (100 - 120 V), 0.5 A (220 - 240 V)
	Minimum (Standby)		0.4 A (100 - 120 V), 0.2 A (220 - 240 V)
	Sleep mode		3.5 W or less (100 - 120 V, 220 - 240 V)
Operating Environment	Temperature		59 - 86 °F (15 - 30 °C)
	Humidity		20 - 80 % RH
Storage Environment	Temperature		32 - 104 °F (0 - 40 °C)
	Humidity		10 - 80 % RH
External Dimensions *3 (W x D x H)			18.5 x 17.5 x 13.4 in. (468 x 444 x 339 mm)
Weight *3			40 lbs. (18 kg)
Accessories			CD ROM : Device driver, Operation manual, Installation manual, Control data sheet, Image Capture Plus software, ISIS®/ TWAIN driver software, User utility software, Quick Scan Pro (DEMO)
			Installation manual, Power cord, Roller cleaning paper, Shading paper, USB cable (2.4 m) & Blower
Options	Roller exchange kit		KV-SS039 (Paper feed roller module, Double feed prevention roller)
	Roller cleaning paper		KV-SS03
	Imprinter unit (Pre)		KV-SS014
	Ink cartridge		KV-SS021
	Flatbed Scanner		KV-SS080

Optional Flatbed Scanner KV-SS080 Specifications

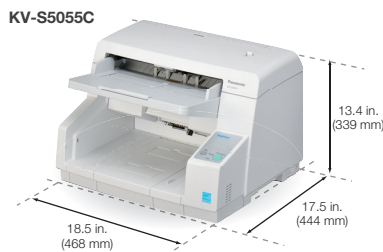|		
Scanning Type		Flatbed
Scanning Method		CCD
Scanning Resolution		100 - 600 dpi (1 dpi step)
Scanning Speed*1 Letter size 200 dpi		3.3 sec. (Binary and Color)
Paper Size		Maximum 8.5 x 11.7 in. (216 x 297 mm)
Interface		USB 2.0
Power Requirement		AC 100 - 240 V, 50/60 Hz
Power Consumption	Scanning	0.35 A (100 - 120 V), 0.2 A (200 - 240 V)
	Standby	0.25 A (100 - 120 V), 0.15 A (200 - 240 V)
	Sleep mode	3.5 W or less (100 - 120 V, 200 - 240 V)
Operating Environment	Temperature	59 - 86 °F (15 - 30 °C)
	Humidity	30 - 80 % RH
Storage Environment	Temperature	32 - 95 °F (0 - 35 °C)
	Humidity	10 - 80 % RH
Dimensions*3 (W x D x H)		11.3 x 20.4 x 3.3 in. (287 x 518 x 83.5 mm)
Weight*3		7.5 lbs. (3.4 kg)
Accessories		CD-ROM: Operating manual AC adaptor, Power cord, USB cable

*1 The scanning speed differs depending on the host computer, the operating system, the application, the measuring method, the quantity of data in the image, and the paper type. The scanning speed depends on a measuring method of Panasonic.
*2 "Weight in pounds" of paper represents the weight of 500 sheets (17 x 22 in. / 432 x 559 mm). Scan quality cannot be guaranteed for documents with a non-standard size.
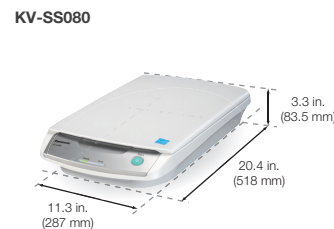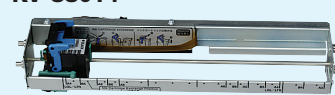*3 Dimensions and weights are approximate.

Dimensions

KV-S5055C

13.4 in. (339 mm)
17.5 in. (444 mm)
18.5 in. (468 mm)

KV-SS080

3.3 in. (83.5 mm)
20.4 in. (518 mm)
11.3 in. (287 mm)

Roller exchange kit
KV-SS039

Roller cleaning paper
KV-SS03

Imprinter unit (Pre)
KV-SS014

Ink cartridge
KV-SS021

As an ENERGY STAR® Partner, Panasonic has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

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ISIS® and Quick Scan are registered trademarks or trademarks of EMC Corporation in the United States and other countries.
All other brand or product names are the property of their respective holders. Design and specifications are subject to change without notice.

This product is designed to reduce hazardous chemical substances along with the RoHS directive.

MG-C535US